Fig. 1

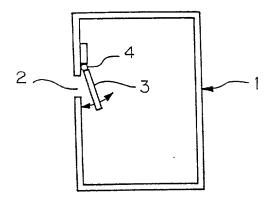


Fig. 2

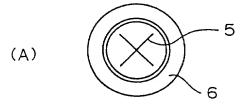


Fig. 3

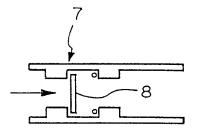


Fig. 4

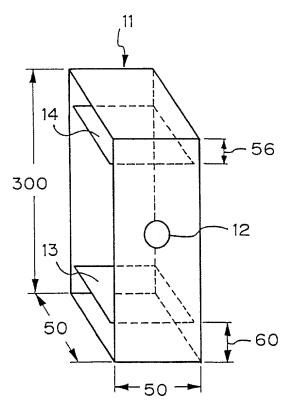


Fig. 5

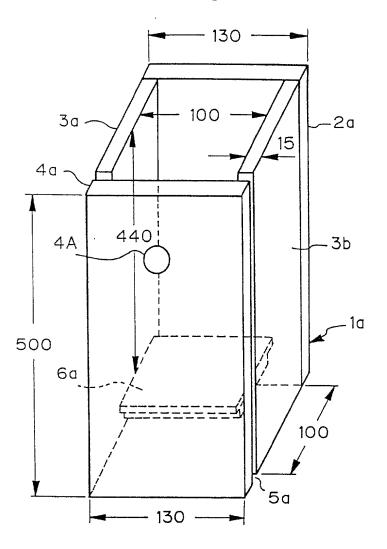


Fig. 6

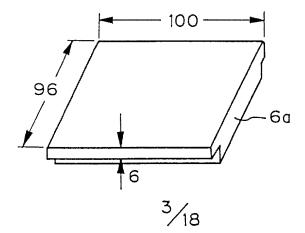


Fig. 7

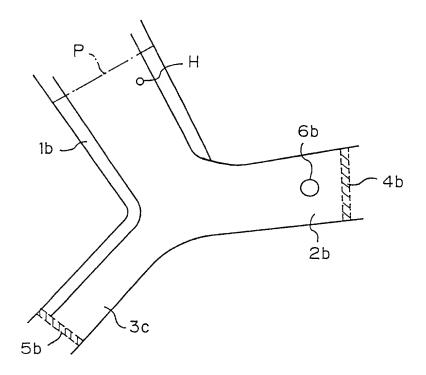


Fig. 8

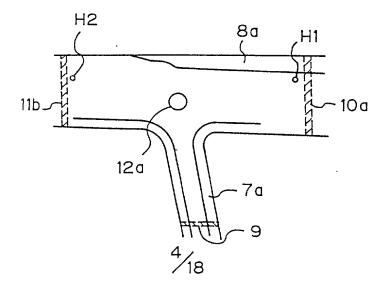


Fig. 9

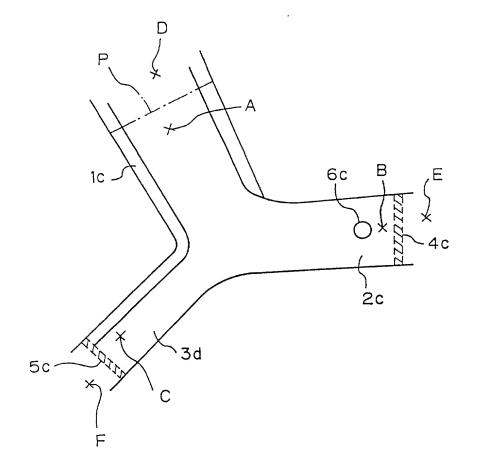


Fig. 10

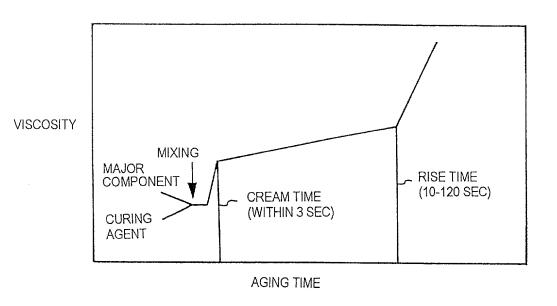


Fig. 11

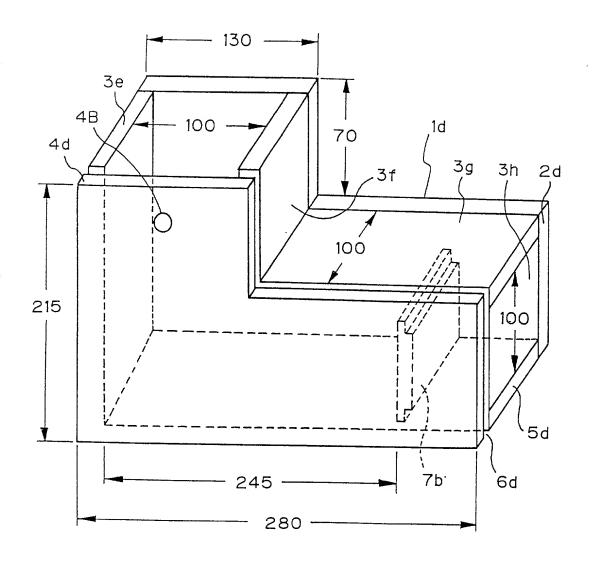
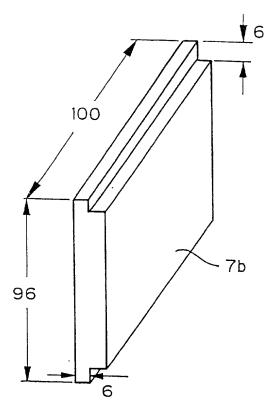
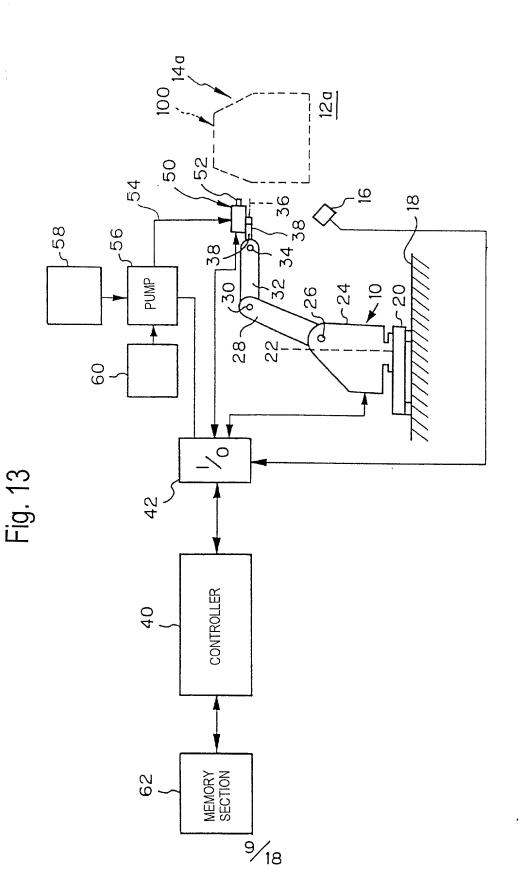


Fig. 12





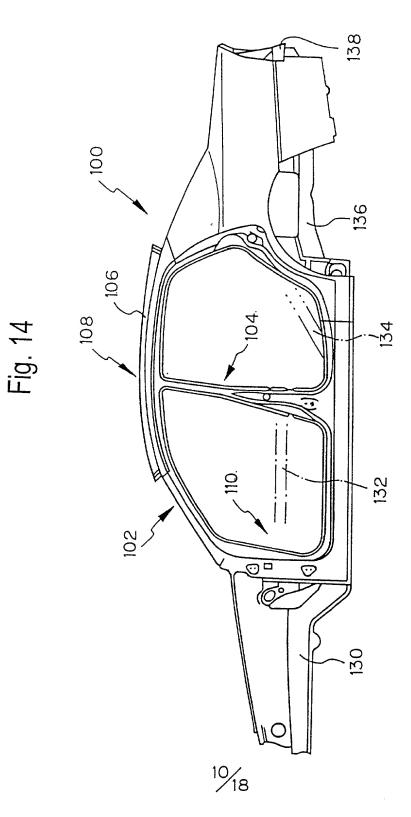


Fig. 15

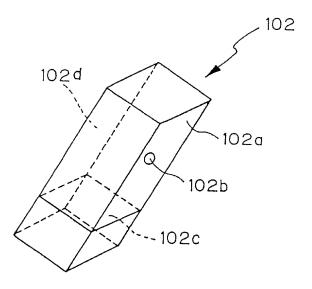


Fig. 16

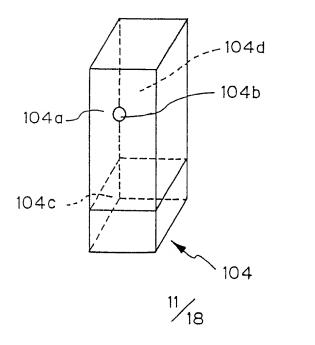


Fig. 17

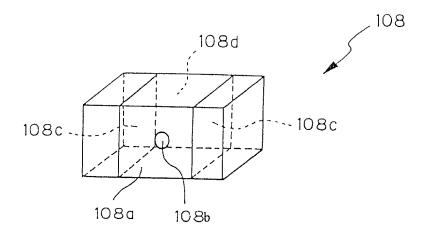


Fig. 18

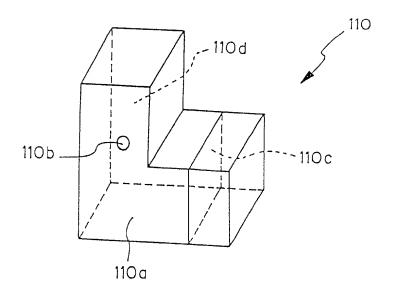


Fig. 19

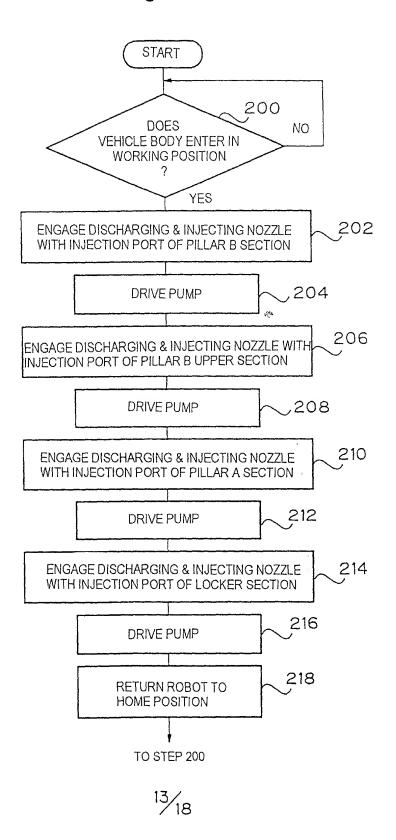
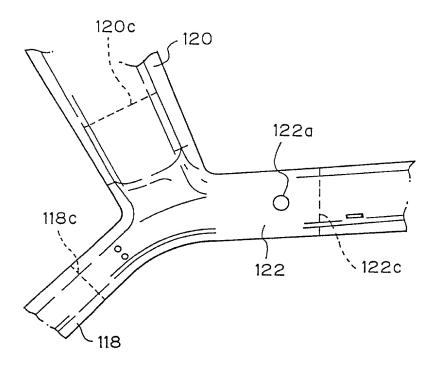


Fig. 20



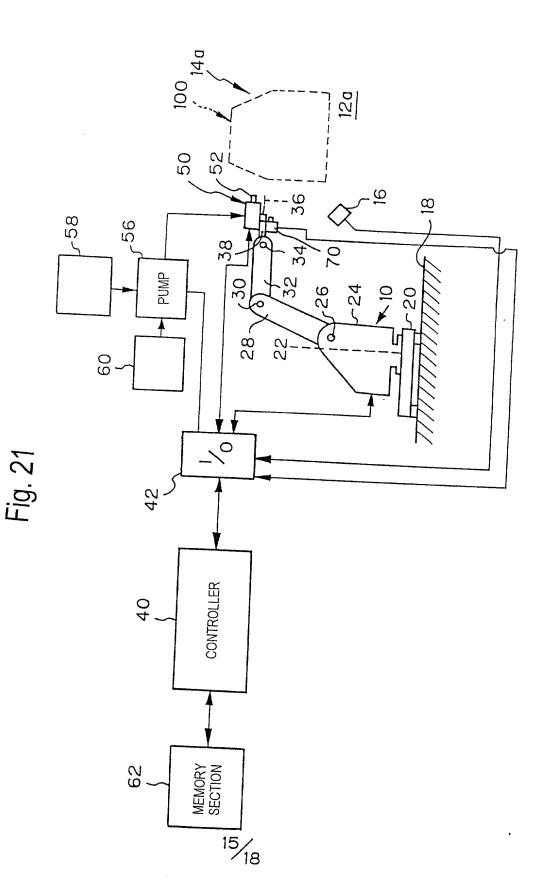


Fig. 22 START TRANSFER DISCHARGING & INJECTING 300 NOZZLE TO FIRST REF POSITION TAKE IMAGE DATA OF PILLAR B 302 SECTION FROM CCD CAMERA 304 READ FIRST REF IMAGE DATA FROM MEMORY SECTION 306 NO IS DEVIATION PRESENT YES 308 TRANSFER ROBOT FOR REDUCING AMOUNT OF DEVIATION 310 NO IS AMOUNT OF **DEVIATION ZERO** YES 311 ENGAGE DISCHARGING & INJECTING NOZZLE WITH INJECTION PORT 312 **DRIVE PUMP** RETURN

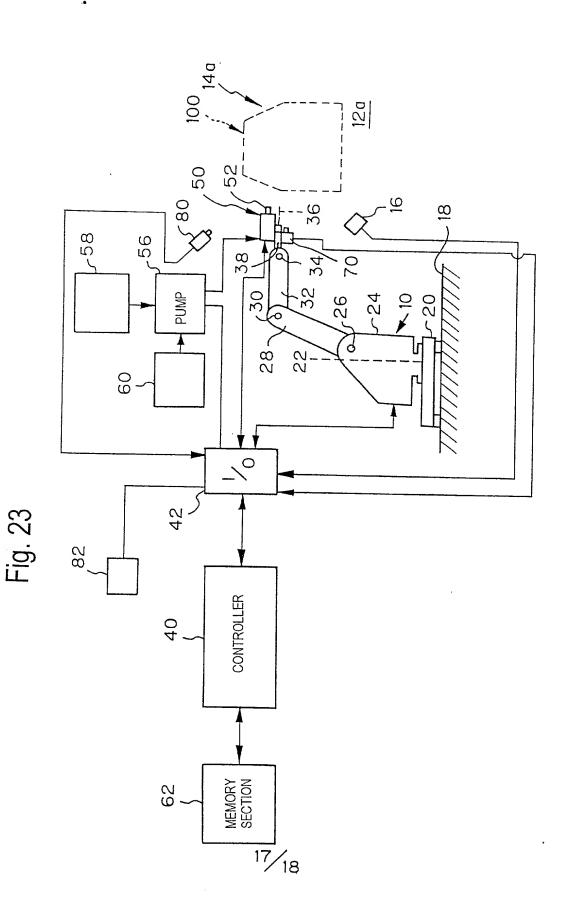


Fig. 24

